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GOLDEN GATE PARK

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Field notes

Guatemala

J. R. Slevin

Palace La Reforma
and National Museum

"BLUE BOND,"

Blue Bond



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Field notes

Guatemala

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(1.)

Locality #1

Antigua Vieja

El Potrero Fincia Old Antigua

About 3 miles West of Antigua

Valley between low ranges of hills and Volcano de Agua opposite our collecting ground. Valley and hills all under cultivation with Coffee & Sugar. Slopes of Volcano de Agua well up all under cultivation. Peaks appears densely wooded. Cane fields cut up by irrigation ditches and coffee trees cover floor of valley.

Locality #2

Slopes of Volcano de Agua on North side. at 5600 ft starts corn fields reaching to 6500 ft Upper part with peach and avocado trees. slope of mountain well cleared and small piles of corn scattered about fields

at 6,500 ft the thick rain forest begins with a well defined line. Trees and vines thick and ground covered with matting of dead leaves. Very few fallen trees. Some quite large trees overgrown with vines and streamers of a species of Cactus hanging from limbs. Moss and orchids abundant.

May 15 Collected on Slopes of Volcan de Agua finding lizards rather scarce and mild. Collected two species of Sceloporus, one Anolis, one snake and one Salamander # 76 under bark of a fallen tree. Very few stones and fallen logs to hunt under and no water in arroyos. Ground under leaves quite damp. Lizards (Sceloporus Anolis) were found

on small rock piles in the corn fields

May 16 I visited same locality and collected
 same species of *Sceloporus* & 3 anolis
 in similar localities. One anolis
 in brush close to Puellos of Old
 Antigua.

88 *Sceloporus* (genus?) Color in life - Back
 between limbs light green, upper surfaces
 of limbs same. Tail bottle green above
 to lighter green on sides and under surface.
 Top of head brownish, black shoulder
 patches, black collar extending across
 throat. Throat light blue. Under
 surface between limbs light blue on
 sides inner edge of blue bordered
 with black and black lines separated
 by line of greenish yellow. Under
 surfaces of limbs greenish yellow.

4

Anolis #82 upper surfaces brownish
with median line of black between
limbs. Lateral white line extending from
front to hind limb becoming very faint
posteriorly. Entire undersurfaces grayish.
Gular pouch deep orange with ^{horizontal} six lines
of yellowish scales

Locality all 3

May 22 made a trip to a small lake near
the Pucblo of San Antonio. Lake
about half a mile long surrounded
by much marshy land Cat tails
and few small trees. Situated
in a valley which is a branch of
the main valley in which Antigua
is located.

(5)

May 23 collected along irrigating ditches
at San Antonio for *Basiliscus*
Found four specimens and lost
one. These lizards inhabited the
dense thickets along the ditches
of running water and were found
on top of vines covering the under-
growth. On being alarmed they
leaped to the ground and ran up
the big trees close by. All specimens
seen were very active and shy. The
one lost was first seen on top of a
stump and on being approached leaped
at least 12 feet into the brush
and could not be found.

May 24 Collected at small lake near
San Antonio.

Color in life Specimen # 319 - America

Wide brownish band extending from
back of head to base of tail with

black bars broken on median line
between limbs. Top of tail lighter

brown with black dots at base

Top of head brown. Top of limbs

brown mottled with black. Sides

of head and gular region lemon

yellow. Sides between limbs

black mottled with sky blue. Belly

under surface of hind limbs and

tail sky blue. Under surface of

fore limbs yellowish

In some specimens gular region
varies from lemon yellow to orange
to brick red

May 24 Colored in life # 228 Sceloporus 6
 Dorsal and back of limbs iridescent
 green. Top of head dark bottle green.
 Top of tail light bottle green.
 Yellow patch bright blue bordered
 in front by an orange band 4 to
 5 scales wide. Belly bright blue
 with median line of black color
 about four scales wide. Under
 surface of front limbs greenish to
 orange. Under surface of hind limbs
 and base of tail black shaded. Under
 surface of tail light bottle green.
 Black shoulder patch.

(9)

May 26 # 361-364 Collected in vicinity
west of Saurantia on a tree with the
fence enclosing a corn field.
They were found on sides and top of
fence posts among the thick leaves
of the hedge. No water in the
immediate vicinity. Disturbed all
this liquid cotate and say it is
always found along streams &
water.

May 31 # H30 Andie collected at Edge of Rain
forest above Saurantia 6,800 ft.
found in a small clump of weeds
in a corn field.

(9)

Locality # 4

Location 14764

Grass about 1000 ft. of United
Front to road. Some
Lawsonia in bed on hill side
above flat planted with bananae.

Locality # 5 Dualla Ranch of United
Front is 4 mi N. E. of
Flat Valley bottom. Some ridges
of wooded hills. Flats planted
with bananae. Ground is
up by small ditches and
stream. Ground in some open places
covered with dead bananae leaves and
leaves. Ground muddy and wet.

(10)

June 14

Collected at Grubbs Ranch of
United Fruit Co. in banana grove.
Found 5 Anolis very elegant
climbing the dead hanging leaves and
a bit. Tracks of the banana tree.
There have the same habitat as the
Anolis & collected on Cocon Island.
Always seen climbing tiny dead
leaves in the grove. Saw no other
reptiles there. Left about 2:30
and drove to very tropical island.

July 11

June 15 Collected on Nalva Ranch of
United Fruit Co. Found 3 Anolis
jungle around banana plantation
and was able to collect in a small
open space among trees in grove. But
Spec. 11178 appears to be different from
American I have seen. collecting small

(11)

Large horn of scales on yellow body
and large scales on throat. The
colored underneath is that of the
collected in these undergrowth of
up jungle.

From 461 Collected same spot as 11/11/19

Dorsal stripe with orange ^{yellow} ~~orange~~
from back of head full way down tail

Dorsal with very narrow strip of orange
yellow. Found all orange rather
strip and not abundant
Dorsal orange as top of a
brown strip.

#503-504

Taken at night on top of leaves of a
 Occident tree in front garden of
 Manderson House. Under bark of
 United States. These two frogs give a
 loud guttural croak commencing just at
 dusk and at long intervals from 14 to
 25 minutes and cease croaking about
 an hour after dark. They are rather
 difficult to locate on account of the
 light and difficult to see as they
 sit on top of the leaves fifteen or
 twenty feet above the ground. The
 specimen was shot with pistol.

(13)

#525-528

Taken in small puddle of water in
leafy grass. These little frogs take
just after dark. They have a continuous
calling - a long low musical trill
and are extremely active when you are
jumping into the heavy grass and finding
near the nests.

#528-536

Collected with a butterfly net at night.
Frogs perched on leaves or blades of grass
over a small stream of water in
banana plantation. They continue
just as it is turning dark with a
short jerky sharp trill. Color at night
black to pink with large black spots.
Eyes

14

Locality # 8

June 18. Collected on Yarrow farm
Quincy. Locality is in center of
banana belt and has a large
crescent shaped lagoon about
150 yds wide. From a trestle
crossing at 800. Saw Caymans
but impossible to get them.
Edge of lagoon land with a forest
of grass bamboo and trees but
no track. Out through to creek
out to reach the water.

#33 Caught at night with butterfly
net while resting in an upright
green stalk over small ditch filled
with water.

(15)

578 Bunch taken from a shallow well in field of grass. Color of head brown to a line crossing in front of tympanum grass green. Rest of body above brownish with black spots and dark cross banded with black.

571 Caught in small puddle at night another specimen in same puddle escaped. This species when heard calling is always in the trees. Possibly went into puddle to drink. Made no sound whatever but was found when looking over pool with light to see if anything was in it.

648-649 Caught at night with butterfly net while stretched out flat on top of sand. Large open with small stream.

#541 ^{Worm} *Anconina* Corp. in T. Church Kitchen
 Taken in tunnel in corner of Store
 Buildings at Cambridge. Tunnel about
 2 1/2 feet square. Stationed in sides and
 red and dirt floor. Injunct found
 about 3 ft from entrance between
 rocks in stone wall.

#770

Caught at 11 a.m. in banana trees
 about 20 yards away from Ranch
 House. Specimen was discovered
 owing to a flock of Grackles about 6 or
 7 making a great rumpus and flying
 about a few feet over the Snake.
 Running out to see what it was
 all about the Snake was found
 in the grass in the act of swallowing
 a half grown Chicken.

64383

H 100' Sceloporus

Color on left - Back light brown
 with scattered light blue and yellow
 spots. Ventrals pink. Legs 2 black.
 Longitudinal line about 1/2 way down.
 Long divided by dorsal stripe, light
 brown. Upper surfaces of limbs blackish.
 Tail light gray to pink. Ventrals
 in front with two oblique
 patches of speckled pink. No dorsal
 and blue which form a border of
 black from neck to base of tail. Ventrals
 blue. Ground mottled with light blue.
 Two black oblique patches on head
 in front with vertical bar of light
 yellow.

Locality 9

Elevation 1700 ft

Progress state of just under a can
directly on a plateau between the
low hills. Dryer. Cacti and Agaves
very abundant. Fair low hills covered
with brush and grass. Wooded on
cultivated. Bottom lands sandy with
many arroyos and brush. Trees
similar to savanna country south
of the low lands.

1096 Bone brought in by Deane
longer than in new small corn field
Total Length 6 ft 2 inches. Stomach
empty.

(19)

1206-1207-1208

Taken Under Stones in wet
Lower canyon, Copper River

1206-1207 along side stream of
running water close to ridge

1221 Had remains of food in stomach
Some specimens #1205

1277 *Colonia* *lutea*

Body cinnamon greenish
lighter about edges well defined
ventral stripe of light brown
four sets of black triangular spots
along reddish line. Upper surface
of ^{breast and} hind limbs light cinnamon
cross banded with dark cinnamon
Dark brown band extending from
root of eye to thighs. Under
surface light yellowish
Some specimens in alcohol
or before putting in alcohol
turn a uniform buff or yellow
losing all trace of dark markings

21

Society No. 10

about 10 miles south of
Savanna, Texas. St. Cyprian
at base of

Beginning of slopes cut by deep
canyons with rushing rivers
Cypress patches and open fields
Scattered about suitable land
good illustration. Numerous and
various other trees covering slopes
to hills from west, River
with dense tropical foliage

1320-1321

Taken in pile of leaves and roots
near Coffee trees. The whole
underneath and above black longitudinal
stripes. Both dry out with a trace

1322-1323

Taken in pile of leaves and roots in
Coffee trees (Cubata in the morning
given the ground of leaves) All dry out
with a trace

1326

Dry out of pile of leaves - Cubata

1382-1383

Found many when dry out of in
pile of wet leaves.

Small burrowing snakes at El Cope
 All the Small burrowing Snakes and
 Turtles at El Cope have been found
 in the piles of leaves and roots, cutting
 about the Sapote. They were found
 by digging through the piles with a
 hoe.

Specimens 1181-1186

Collected by digging in various
 piles around stable specimens were
 found just under surface of roots
 underneath the piles. Occasionally they
 were found in the Sapote's under
 holes.

(24)

1541-1547

Taken in Small pool of water
at 2 a.m. # 154 - 1545 dark

brown in life # 1546 - 1547

Light green in life. The location
of the pond was found by the
continuous loose bumpy work
from the frogs. This appeared to be
all the frogs in the unit as
careful search was made of

surroundings and one saw to
were back for half an hour or
more and returning to the pond
about 2 hours after dark it was
found deserted and one frog heard

crying. The pond was in a
canebrake just at the edge of the rain
forest.

25

Soluble Tissue Locality 11

about

1 mi west of Mayaguez

10th foot (10th foot) surrounded by

rain forest and cut up by many

small streams. Some small areas

of corn and banana

#1896

Found in pile of dead leaves in

copied. Color in life rich pink

with lavender centers to scales

Tail lavender. Temporal region

white the two white marks joining

at back of head. Top of head dark

lavender. Under surfaces whitish

#1377 Found in pile of dead
leaves in Cabinet. Color in
life dark slate with red color
band, ^{5? narrow} Under surface of tail
slate & Under surface of body
whitish

#1378 Found in pile of dead
leaves in Cabinet. Color in
life. Wide bands of nice red
Turned much darker when put
in alcohol. Black bands bordered
by white turned much darker in
alcohol

#1832

Rana caught in stream of
water in Cafetier. Broad band and
back was light green in life.
Sides brownish.

#1808-1805

Taken in Cafetier in old cotton
logs which were later cut by
white ants. The lizards lived in
the cells made by the ants
and would sometimes stick their
heads out when the log was
gained by the stroke of the
axe.

Ixtacapan River Locality No 12
 Fair sized River running through
 a deep gorge sides covered with
 dense undergrowth and only possible
 to reach river bed at few points
 # 1864 Taken on top of precipice in
 dense undergrowth

Locality No 13 La Coloma Tlaxcala
 Small slopes of Volcano 2 miles
 Capital and small area of Sugar
 Cane

Spec # 1941-1943 3 specimens
 markings light tan above back
 and sides black under surface
 liver colored

Found in standing sugar cane
 stalks at the base of leaves partly
 dried and holding water from the

radius. Salamanders are coiled
up where the leafy ground stalks and
partly in water. The authors call
this Salamander *Ninia dormida*
or sleeping baby.

Mo 1939 Another - Patch deep
orange with Indigo blue patch

1980 Found at night with light
while resting on the leaf of a
Coffee. Most very light blue
something like a cricket eyes set black.
Back light pale green. Dorsal lighter
than yellowish orange. Under surface
of feet yellowish orange. Other part
of under surface collected with the
slightest tinge of light green.

1981-1982
 II 1981- Caught at night with
 light. Both specimens in a 500
 foot ^{2 ft} tunnel of the Grotto. It is
 a rushing stream. They were making
 a fairly loud croak and were under
 some coarse dead grass which was
 pulled aside in order to discover them.
 Probably new species. To collection.
 Several longitudinal rows of small
 pits down back. Legs short & stout.

II 2038-2039

Taken under loose sections of the trunk
 of banana trees in small grove
 vicinity of Santa Rosa Rio near San Jose.
 Specimens in lot 5 ft above ground.

Locality no 14 Champerine Swamp

Champerine specimens collected
on trails and amongst thick
undergrowth adjacent to Lagoon
Country flat cut up with Lagoon
Lagoon and covered with dense
undergrowth and some trees,
Mangrove Swamps bordering
Lagoon

2092-2109 Taken on trails
in dense undergrowth bordering Lagoon
2092 only specimen found off ground
thus are being about 6ft from ground
in small tree

2114-2115 Taken crawling among
vines about 7ft above ground in
dense undergrowth

32

2126-2128

Taken in muddy water collected
in hoof prints of cattle

2129-2132

Taken

Sand

Sceloporus acanthinus

Type St. Agustín, W. slope Volc. San Salvador

Sceloporus squamosus

Type Mouth of Rio Nagualate, W. Guatemala

2138

Length

Skull

with

Anolis dollfusianus

Type St. Agustín

Anolis bonaviri

Type Escuintla

Crotaphytus percarinatus

Type Escuintla

Gerrhonotus vasconcelosii

Type from Atiquetzla, western Guatemala
at more than 2000 meters altitude

Gerrhonotus fulvus

Type - fine prints of Totonicapán alt. 2450 meters

Leiolopisma asiatum Guatemala

near Volcano of Isalco, Salvador

Niño dormido =

sp. 1954

Exlacapa Rio

32

2126-2128

Taken in muddy water collected
in hoof prints of cattle

2129-2132

Taken in salt grass bog of
Sand beach

2138 Taken in pile of Earth in Sapling
(red)

Length 397 M. Circumference 74 M.

Skin tough and leathery covered
with a sticky mucus.

Spotted Salamanders
all under old bark at
Chickadee

~~Spotted Salamanders~~
~~at Chickadee~~

Small 10,000 ft alt
Black Salamanders under bark
and logs mill Red backed from
common at S. Adams

Cypress & Oak at Santa Rosa

{ Oak trees at Chickadee 7,500 ft
few spotted from

{ Red backed under pine bark
Sage

The Country which embraces an area of 60,000 Square miles is, in its physical aspect, one of our most tropical forest, lake, rivers and coast. The Republic lies at an altitude of from 4000 to 11,500 feet. It is traversed by the Guatemalan Andes, consisting of three minor mountain chains, between which the several plateaus have been found to be extremely beautiful and fertile and upon which the products of the tropical and temperate zones are grown. Of the mountain system the southern series is composed principally of denuded cones from 1,500 to 2,000 ft high with prolific plains between. The Central consists of ranges running East and West and reaching a height

of from 7000 to 14000 feet. The
Southern branch comprises a
number of volcanic peaks the
most perfect in the world as to the
cone formation. but long since
extinct.

The year is divided into two
seasons the rainy season lasting
from May till December along the
west coast and the hot season
runs up to the off on
throughout the year.

Population of Guatemala is about 2,000,000
about 50% full blooded Indians.

Population of Guatemala City a little over
200,000.

April 15 Sailed on Stmr. Venezuela
from San Francisco leaving at 1.40
P.m. Fresh N.W. wind blowing so
went out north channel dropping
Pilot on the Gracie S. at 6.00 P.m.
Set course for San Pedro with
fresh N.W. wind and following
sea

April 16 On deck at 7.30 A.M. Sky partly
cloudy small following sea. Hazy
towards the land which is not visible
Four gulls following vessel at noon
Sighted Santa Cruz Island on the horizon
Low weather hazy entering Santa
Barbara Channel sea smoother. noon
position Lat $34^{\circ} 20' N$ Long $120^{\circ} 23' W$
4.30 P.M. Anacapa Light ahead
clear weather sea smooth anchored
off San Pedro Light at 10 P.M.

April 17 Docked at Wilmington at 8 a.m.
Spent day in Los Angeles and sailed
at 6 P.M. for Manzanillo Mexico

April 18 On deck at 7.30 a.m., weather clear and
sea smooth. Land visible through
haze and vessel well off shore

April 19 Passed Cabo Island during night
about off Alvarado Point at 9 a.m.
Passed several vessels heading north
weather clear, smooth sea vessel
well off shore

April 20 Easter Sunday. Foggy weather during a.m.
and vessel sounding fog signals. Fog
lifted at noon and coast line visible
well off shore. At 4 P.M. passed
Cabo Blanco light about 5 miles
Hove to off Cabo San Juan & received

Three Stevedores off "Star" Stevedores
About 5 P.M. Under way for Manzanillo
Fine clear weather smooth sea. Had a
fine view of the Juarez rocks at
end of Cabo San Lucas.

April 21 Weather overcast in morning clearing
at noon. Smooth sea. Ship slowed
down so as not to make Manzanillo
too early. Expect to reach port about
17.30 A.M. Nothing of note

April 22 Arrived at Manzanillo about 8 A.M.
No rain started as yet so country
looked very dry. Dropped anchor inside
breakwater alongside the Mexican
gunboat "Progreso". The gunboat
"Reyes" (formerly one of our submarines
was in port under command of Captain
Victor Angeles with whom I made the

Came to G. delap's Island and
Wagapuma Bay in 1922. Paid the
Captains a visit and returned to
the ship with him at 10.30. Sailing
about 11 o'clock for Champerico.
Weather partly cloudy sea with small
swell.

April 23 Weather partly cloudy and hazy, at
9 AM passed long freighter with
deck load of lumber heading to
the Southward.

April 24 At Sea bound from Manzanillo to
Champerico. Sky hazy small swell
and fast breeze ship averaging about
12 knots.

April 25 Arrived about 6 30 a.m. at Champance
anchored about 2 miles off shore
opposite village and ship lying all
day loading & unloading cargo Sailed for
San Jose about midnight

April 26 Arrived San Jose de Guatemala at 7 45 AM
Datar boarded ship about 8 AM and
after breakfast and examination of passport
went ashore in lighter. The collector
of Customs passed my baggage without
examination owing to the letters received
from the Consul General of Guatemala at
San Francisco. Found on landing
the town of San Jose had been destroyed
by fire and all Customs affairs were
well attended to at Guatemala City.
Mr. Sarge the American Consul
Supplied me with funds and I
proceeded at once on the morning
train to Guatemala City. I proposed

privilege of riding in a private
car through the luncheon of
Senor de Ariza who met his
family on arrival from San Francisco.

The journey took all day ^{including}
a stop of three hours for luncheon.
Leaving San Jose the train went
through the low costed country
planted in places with pine
apples. Scenery somewhat picturesque
but much more beautiful after
leaving Esquel where the
train began to climb rapidly
and passed through some real
tropical growth coming out at
San Antonio and passing
over a country covered with corn
fields and some pine & Cypress
trees in the small valleys.
Landed in Guatemala City about

6 p.m. and took a cab to the Hotel Gracia. Found Mr. Anthony flat on his back and upset from something he had eaten. Had a light supper and after a visit turned in for some sleep.

April 29 Was awakened at 7 a.m. by all the church bells in the City. They kept on ringing for about ten minutes enough to wake the dead. After breakfast went to the Plaza with Mr. Anthony and then to the Cathedral. The Cathedral still shows the damage from the great earthquake of 1918. The dome and towers had buckled down as well as a row of statues or columns in front of the entrance. The building is ruined and the walls and columns

inside massive. The interior is quite plain and no attempt at decoration. This afternoon took a walk around town and saw many signs of the wrecked building undergoing repairs at this late date. There are quite a number of churches a small museum left from the wreck of the earthquake and the sand barrows of soldiers scattered about the city. The streets are narrow paved with blocks of stone of irregular shape and some too smooth. The city seems to have its full complement of policeman and they stand at night out in the middle of the street corners. I have one outside of my window at night and heard his whistle blow irregular in a while for why I know not

The city of Guatemala is like most
American & Central American towns
only on an enlarged scale.

April 28 Called on U.S. Consul Mr. Holland who
was very obliging and gave us a
letter to the Secretary of the Interior.
The most influential man in Guatemala
also attended to getting your permits
which every man in Guatemala must
have. In the afternoon visited the
Secretary of Foreign Affairs who is to
give us letters to the various officials
in the different States we wish to
work in, as the various public
buildings are scattered all over the
town it took an entire day on official
calls.

April 29 Called on Mr. Holland and accompanied
him to the Bank and Custom
House and was introduced to
the Chief of the Customs credited
with being the only honest man
in the whole country. Presented
letters of introduction to Don Carlos
Alvarado who very kindly gave me
permission to camp on his plantation
near Antigua and to Messrs
Mottishaw & Sons who gave me space
in their warehouse to store specimens.
Called again on Secretary of Foreign
Affairs and gave him a list of
places we were likely to visit to
be requested. Paid a visit to the
remains of the ruins of Uxmal
and found some of the birds, animals
reptiles and insects found around
Guatemala. All in terrible shape

as is usual in museums in
this part of the world.

April 30 Called on U.S. Consul and got time
for our appointment with the
Secretary of the Hacienda. Went to
Custom House to see about
arrival of freight and found it had
not arrived as yet.

May 1 Called on various officials securing
necessary permits and awaiting
discharge of freight at Custom House.

May 2 Walked to Playa and Race Course
at edge of City and saw many signs of
the earthquake of 1912. The Port and
Exhibition Grounds in complete ruin.

May 3 Spent day trying to get a mail
box my freight and see what
chances were of getting it unloaded

May 4 Sunday. Nothing doing. Station
closed and city dead.

May 5 Visited U.S. Consul and looked up the
matter of a truck to haul outfit to
the El Patron Office Plantation at
Antigua. Was introduced to a German
who had auto trucks and he quoted
\$80.00 gold to take the freight over a
good road at distance of 76 miles
so cut line quick and arranged
through Schwartz and Co. to send
outfit out by a bull team. Leaving
here on morning and arriving at
Antigua about noon next day.

May 6 Visited Customs House and got a
line on the Car my freight is in
Found it up against platform so
expect to get it unloaded by tomorrow

May 7 Spent day at Custom house and
finally got my freight out. Some
Boxes badly damaged from rough
handling but nothing lost. got them
stored at Matheson Bros and left
to make Antigua tomorrow

May 8 Unloaded boxes and making arrangements
to get an ox team to haul export
to Antigua.

May 9 ~~Ready to start but unable to get~~
~~ox team till tomorrow.~~ met Mr.
Mann of the U.S. Dept of Agriculture
who is doing some work in Guatemala

May 9 OX team left this A.M. with equipment
and expect it to arrive about noon
of the 10th. Distance about 26 miles

May 10 Left Guatemala City at 8.30 A.M. by
automobile for El Peten Finca
where we arrived about noon. Road
not bad for Guatemala but
country much more thickly settled
than one would expect. Passed many
Indian women with baskets loaded
with produce for the market and
all carrying them on their heads.
Arrived at Finca about noon and
were met by the clerk in charge of
the office who ~~was~~ received us very
graciously. Had lunch and then
met the OX team which had
just arrived. Proceeded at once
to make camp in yard near

May 10 The Volcans de Igua
in sight from our tent door.
Slopes are cultivated a long way
up and the top appears to rise
into a point and well wooded.
Surrounding country all under cultivation
with coffee and sugar cane. We
made arrangements to eat at the
Volcans which makes it rather
convenient. We eat with the
Clark and an Indian girl to
wait on table.

May 11 Took a walk up valley towards the
west Pueblo San Antonio. Found
country all under cultivation well
up onto the slopes. Bottom lands
cut up by irrigation ditches. Rather
poor prospects for hunting.

May 12 Worked around cane fields and
Coffee Trees. Reptiles common. Found
only three species; Anolis, Rana &
Bufo. Frog in irrigation ditches
and Anolis among sugar cane
and coffee. Rather dry and hot.

May 13-16 Working around El Patate. Forest
May 13 made a trip up Volcan
de Agua and up into the rain forest
at 7000 ft. Heavy undergrowth and
many large trees covered with moss
and orchids. The latter out in bloom.
Heard many birds but they were
extremely difficult to shoot on
account of dense undergrowth and
height of trees. Saw Anthracoceros a
lioness the first I had seen alive in
the hills.

May 13 took a walk around the

puerto of old Antigua and visited
the Cathedral. A sign on the front
says it is the first Cathedral founded
in 1534. Building fairly large with
two small towers and a dome.
Purchased 20¢ worth of Chocolate from
a native store probably the largest sale
the woman ever made as she could
not understand buying as much
all at once. The Pueblo is typical of
all Central American villages full
of pigs, kids and chickens.

May 17-22. Working about El Patrocinio Finca
and Volcans Aguan.

May 22 made a trip to the
Pueblo of San Antonio. Visited the
Church which is typical of the
Country and is well preserved and
fresh painted. It does not appear to

June 7 Still camped at El Potrero. Found
finding it impossible to get on
or team at any price to move us.
Walked in the Antigua. a distance
of four miles every day usually
and lined up teams to come
but none ever showed up. These
cost about 17 days hunting. The
first day at Antigua interviewed
the jefe politico there. He said
he told us he would have a team
for us so returned again for
information and was curtly told
to come next day which we were
forced enough to do and the jefe
told us he was not there and
didn't know when he would
return. The mistake was made
in returning and has made us come
a week.

June 10 Left El Patino Finca finally
having managed to get an ox cart
to take equipment to Guatemala
City. Spent June 11 in
Guatemala City getting ready for
the trip to Quetzaltenango.

June 13 Left Guatemala City at 7:30 AM. Had
Quetzaltenango which we reached about
4 PM. Passed through hills and
mountains mostly wooded in
the canyon but would not call
it tropical by any means. At 2000 ft
the country looks very much like
the slopes of the Arizona desert.
We were met at Quetzaltenango by our
Carl O. Anders. Supst. of Agrom. for
the United Fruit Co. who
very kindly took us in over
night and next day we went

The Puelha Ranch of the United Fruit
Co about 2 miles from Guaymas and
in the midst of the banana
plantations

June 15 Visited the old ruins of Guaymas and
the Olvera Ranch of the United
Fruit Co. There are four obelisks
standing and all partly on the side
besides two large carved stones
and one small obelisk flat on the
ground overgrown with grass and one
small one standing but overgrown
with undergrowth. Back of these
standing obelisks can be seen the
form of an old mound covered
with weeds that have not been
left cut. Near the largest and
best carved of the big stones
at the opposite end of the

greater part of the
clearing called Sanguin Park on the
lower river. A large amount of small
stones appear to be covered by
stone steps and small stone walls
with doors and narrow passages
are exposed but not used. The
building is a real stone ruin. We
were told the Government
refuses to let any excavating be done.
However, they do not object to these
valuable ruins being broken up
by the natives to make stone walls

June 16-27

Working about United Fruit Co
ranch. Rains occur every day
and some good hard thunder
storms. Bottom lands are
now a sea of mud
making walking very disagreeable

made another visit to the ruins
of Onizgo with Don Amador
of Aguascalientes. He informed me
the American Minister to Mexico
since the first smaller report ^{about the} in
1857. Several passages among
the walls are in very good condition
with fine sides and roofs.
The stones are dressed and laid
with cement of some sort of
sinter. The growth of weeds
and grass keeps them covered
to some extent and it appears
our former attempt has been
made to completely uncover
them. This is probably owing
to the hostility of the government
to my archaeological work
being carried on.

June 24

Packed up and made ready to
move to Santa Barbara on the
29th

June 25

Went to Santa Barbara on Railroad
from San Diego. Very beautiful
dense tropical rain forest for a
distance with only patches of cleared
land in the way. Arrived at Santa
Barbara about 7 PM. The town
consists of the buildings of the
Water front Co and the San Joaquin
Austin House. Went to Hotel El
Alto near by the Railroad and
stayed there. Captain of the
San Joaquin Hotel in Santa Barbara.

the band it produced information
to make Cuba on account of
transportation difficulties and the
raining season. The distance left and
a week for Santiago and the Indians
to Camps and horses. I was in
a week or so and it was decided to
make the trip as we were told it
was well to inform them to get
good horses at Camps to make the
Cuba. It would have taken a
month's travel alone to get there
back. Finding this information
get in communication with
J. E. Butler, Jr. in Sept. for
the Puerto Rican of the R. R.
who wanted to stop at Havana
at Pinar del Rio on Monday
the following day. Went to
Pinar del Rio, I and some

Spent at our old friend's house
Harris. Progress is a small town
in the center of the state and just
in the heart of the big hills and forest
country.

July 1-17

Spent at our old friend's house
Enjoying the best collecting ever with
since arriving in Guatemala. Progress
is a small town with the usual shops
and houses. There is only one small
bank here which is kept locked now
as there is no gold here. During
all tanks filled to capacity moved to
Guatemala City the afternoon of
the 14th leaving all in evening.

July 15-16

Spent in Guatemala City packing
specimens and preparing to make
trip to Mayaguez.

July 17

Left Guatemala City for Mayaguez
at 7.30 arriving at Mayaguez
at 3 PM. Was met at 12 PM
by our Pasador who escorted us
to the Hotel de Guayaquil where we
spent the night. Our Pasador
returning to the bank, saying he
would be back next morning
with a car for our baggage.

July 18

After breakfast took a walk around
the market. Found it typical of
all the towns visited so far.

to the present place and
immense Church Baroque for
Soldiers and all government
buildings around Plaza.

Sp. Roads are not in the line
with the team so get our
baggage started for the time.
So it would mean a chance of
arriving there before the after about
rain. Called on the Jefe Policia
and presented credentials, he gave
us a letter to all the Jefe's in his
district so as to avoid any trouble.
Had lunch with the Desano Hotel
and then started on horse back to
the Finca where we arrived after
a two hour trip over a rough stony
road that the ox team was just
about able to travel on. (Passed)
through cultivated land and some

crusty land that had not been altered
A gradual climb up the lower slopes
of Zuni Volcano brought us to
the French El Capro where we were
most hospitably received. Just
above us on the slopes of the volcano
clear to the main front the Santa
Catarina Indians have a reservation
where they plant corn, beans, grass
and growing horses. They wear
a queer sort of hat resembling
the straw hats of the British
Indian d'war's men and are clothed
with dress and have soft skin.
Pasados told us these hats were
fairly common and were passed
down from father to son. They are
given after a coat of war when they
become worn so that an old hat
would weigh ten pounds or so.

The Volcano of Santa Maria is
visible from just above the ranch
house and a large crater on the
side is in full view. The
smoke from the lava beds just below
Crater is visible here but except
a few fox hounds with the hunter
capturing two foxes. Very hard
country for dogs to run in there
is such thick leafed growth in
the canyon.

Aug 19 Still at Finca 20 p.m. clear
left for Changuin for about 1 p.
Left Finca at 2 p.m. for Changuin.
On reaching Finca San Carlos the day
break found a severe wind storm
had occurred during the night and
uprooted many large trees and
blown them across the road. It was

necessary to take Mr. Caddis
off the ground and then under
a fallen tree. Arrived at Montgomery
about 11:15 and took train for
Lumpkin where we arrived at
11:30. Country passed through was
mostly grass lands and for the
most part was little more.

Rather interesting and would
not record one of the before it all.
Found Chequamegon typical Central
American town with all the hills,
dogs, and buzzards. The hotel
overlance where we stopped was
a one story frame building and
strange to say not particularly filthy.
Spent a day trying to get a couple
of alligators but the colored gentleman
recommended to us refused to take
us and refused to go himself.

as he wished to go off on a
drink + then a house dealer
for a guide and then around
some of the lagoons and
some of the boats and
left with the boat from
Tahiti and when we arrived
at 5 PM got on our house
which was built upon a
house and had a rock side back
to the water where we arrived
at 7 PM.

Aug 24 At Fina is up about 6 PM
had a long shower and lightning
storm with considerable wind and
rain. The trees blown down
and houses moved. The last two
years there was some 10 years
ago by some houses blown down

On going around next day found many large trees uprooted and large limbs broken off. The plans were at once set to work clearing up trails and roads that the trees had fallen across. Heavy rains are of daily occurrence and often accompanied by heavy thunder and lightning.

Aug 31 Packed up collections and made ready to depart for Guatemala City a 2 days trip. In A.M. went on a hunt with the hounds and ran an agouti which got into a den so set a trap. Weather overcast and threatening.

Sept 1 Left Frica de Apres for Mayatungo where we arrived at 11:30 in order to get baggage checked for the train of Sept 2. Had to pay a dollar to baggage man to check it so we would not have to hire a cart to take it away and store it overnight. Spent after noon in Mayatungo keeping out of the rain.

Sept 2 Left Mayatungo at 8:15 ^{am} and arrived in Guatemala City at 7:15 Pm and put up at Grace Hotel.

Sept 3 got baggage out of Depot and prepared to pack specimens for shipment to San Francisco.

Sept 4 Mr Anthony left this am.

for another stop a Progreso
while I get Shipment ready
to send to S.F. Was informed
by U.S. Consul yellow fever
had broken out in Salvador
and fear was expressed that
Port of San Jose would be closed
so forwarded boxes to Mr. Savage
Consul at San Jose to waybill
for Shipment on Steamer Ecuador
Spent time in Guatemala City
awaiting train to meet Steamer
at San Jose so as not to stop over
night.

Sept 11 made trip to San Jose. Left
Guatemala City at 7:15 arriving
in San Jose at 5:30 met Mr.
Savage and attended to procuring
Sailing permit etc. went
aboard Ecuador just in time for

Supper not among passengers
and have a state room to
myself

Sept 14 at sea, Smooth Sea and
plenty of rain squalls, weather
cloudy. Vessel well off shore